

APURV PATEL

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OBJECTIVE

Versatile and detail-oriented **Full Stack Developer** with 4+ years of experience building scalable web solutions using **React.js**, **Node.js**, **FastAPI**, and **SQL/NoSQL databases**. Proficient in **REST API design**, **CI/CD pipelines**, and data analytics with **Power BI**. Passionate about collaborative development, **Agile delivery**, and architecting secure, user-focused platforms.

EXPERIENCE

Full Stack Developer

June 2025 - Current

FireFly Spark

Toronto, ON

- Building a mobile-first app using **React Native** and **FastAPI**, focused on real-time user onboarding, authentication (**Google OAuth 2.0**), and location tracking.
- Developed secure REST APIs and integrated third-party services including **Google Maps API** (geolocation), **ID Analyzer API**, **Standard ID Scan API**, and **Plaid API** for ID and financial verification.
- Engineered and optimized **PostgreSQL** schemas and integrated **AWS S3** for secure document/image storage, ensuring relational integrity and scalable data access.
- Deployed backend on **Render** with a **cloud Linux server**, ensuring scalability, HTTPS security, structured logging, and centralized error handling.
- Created modular UI components with navigation, modals, and input validations, boosting frontend development speed by **30%**.

Software Developer - Computer Science

May 2023 - May 2025

St. Clair College @ Ace Acumen

Mississauga, ON

- Built a **Student Info & LMS** used by **500+ students** and **40+ faculty** for content delivery, attendance, access control, and analytics.
- Built scalable, responsive modules using **React.js** (15+ components) and **Node.js/Express APIs** (30+ endpoints), reducing manual academic tracking efforts by **70%**.
- Designed and optimized normalized SQL schemas for **8+ core entities** (students, courses, attendance, assessments), improving query performance by **40%**.
- Utilized **Microsoft Graph API**, **Power BI REST API**, and **CORS** to enable secure data sync, embedded analytics, and seamless frontend-backend communication.
- Integrated **JWT-based authentication** and **role-based access control (RBAC)** for **3 distinct user roles** (admin, faculty, student), boosting data security and access efficiency.

Full Stack Developer

June 2021 – March 2023

Webito Infotech

Ahmedabad, India

- Developed a multi-tenant **Inventory Management System** using **FastAPI** and **React Native** for 100+ stores.
- Built a scalable **multi-tenant inventory system** with integrated **barcode scanning**, GPS-based store tracking using the **Google Maps API**, and real-time inventory synchronization via **FastAPI-based RESTful APIs**, reducing manual location tracking efforts by **65%**.
- Optimized high-frequency **PostgreSQL** queries; implemented **Stripe API** for seamless billing/payments.
- Added vehicle access logging via **Plate Recognizer API** and automated alerts using **Twilio SMS API**.

PROJECTS

- **Prostore – Full-Stack E-Commerce App.** Developed a feature-rich online shopping platform using **Next.js**, **TypeScript**, **Prisma**, **PostgreSQL**, and **Tailwind CSS**, featuring responsive UI, secure authentication, Stripe/PayPal payments, and admin controls. Set up **CI/CD pipeline on Vercel** with GitHub integration to enable seamless deployments, reducing manual deployment time by **80%** and minimizing release errors by **50%**. Integrated image uploads, order history, and email receipts via **Uploadthing** and **Resend**, boosting operational efficiency and improving user experience by **35%**.
- **Q-Win** - a **React** and **TypeScript** based seminar management system for the **University of Windsor**, resolving website crashes and manual entry issues. Utilized **Firebase** for backend services to support 500+ concurrent users, implemented **Microsoft Authentication** for secure access, and introduced **Dynamic QR Codes** using **SHA-256 hashing**, boosting attendance tracking efficiency by **50%** and reducing manual workloads by **70%**.

EDUCATION

- **Master of Applied Computing**, University of Windsor May 2022 - Oct 2023
Relevant Coursework: Advanced Software Engineering Topics, Distributed Systems, Advanced Database Management, Internet Applications
- **Bachelor of Information Technology**, Kadi Sarva VishwaVidhyalaya Aug 2017 - 2021
Among top 5 students throughout degree

TECHNICAL SKILLS

- **Programming Languages:** JavaScript, Python, SQL, C, PHP, R
- **Frontend Development:** React.js, React Native, Tailwind CSS, HTML5, CSS3
- **Backend Development & Database:** Node.js, Express, REST API, Django, Flask, Firebase, PostgreSQL, MySQL, SQL Server
- **Business Intelligence & Reporting:** Power BI, SSRS
- **Cloud & DevOps:** AWS, Google Cloud, Docker, Kubernetes, CI/CD pipelines
- **Authentication & Security:** JWT, Role-Based Access Control (RBAC)
- **Agile Practices:** Sprint planning, User stories, Backlog grooming, Jira, Confluence
- **ML & Version Control:** TensorFlow, OpenCV, Git, GitHub
- **Other Tools:** WebSockets, Microservices Architecture, Slack
- **Languages:** Fluent in English, Gujarati, and Hindi

CERTIFICATIONS

- End-to-End SQL Database Design and Optimization Project – LinkedIn, Nov 2024
- Software Engineer – HackerRank, Nov 2024
- NextGen CTO – Canvas Credentials (Badgr), Mar 2023
- Introduction to Spark SQL and DataFrames – LinkedIn, Nov 2022
- Introduction to MongoDB (2022) – LinkedIn, Oct 2022
- Learning Hadoop (2022) – LinkedIn, Oct 2022
- Python: Design Patterns – LinkedIn, Jul 2022
- Python for Data Science – IIT Madras (NPTEL), Jan 2020
- Software Testing Foundations: Test Techniques – LinkedIn, Jul 2017
- Financial Planning Analyst – Udemy, May 2025